

**WHAT IS CLAIMED IS:**

1. A synchronous system for a virtual reality frame and real objects comprising:

5 a virtual reality system being installed to a mainframe with display frame called as a virtual reality frame, wherein the mainframe is selected from one of a computer, a PDA, and a game machine;

10 objects in a room being installed with sensors and transmitters, signals of these sensors being transmitted to a transceiver of the mainframe so that the mainframe knows the conditions of the object in the room; a plurality of object icons being present in the virtual reality frame;

a plurality of toys being in a room; a plurality of toy icons being presented in the virtual reality frame;

15 wherein the signal of the sensors are transmitted to the mainframe through the transmitters so that the virtual reality frame can show the result; and the transceiver transmits the signals to the receiver so that the toys act according to the received signals and the actions of the toys are displaced by the toy icons in the virtual reality frame.

20 2. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein the actions of the toys are programmed and then are stored in the virtual reality frame.

3. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein the objects in the room are simulated in the virtual reality program so that the users simulate conditions of the room in the virtual reality frame.

5        4. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein the actions of the toys are stored in the virtual reality program so that the user controls the toys by the stored actions of the toys.

10       5. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein a series of actions of the toy are learnt and the result of the actions are stored in the mainframe; the real toys execute the complex action according to the learning result.

15       6. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein a door is installed with a temperature sensor and the transmitter, a window is installed with a vibration sensor and a transmitter, a kitchen is installed with a smoke sensor and a transmitter, and a bath room is installed with a moisture sensor and a transmitter.

20       7. The synchronous system for a virtual reality frame and real objects as claimed in claim 1, wherein a toy bear is installed with a wireless receiver, a toy web is installed with a wireless receiver, a toy dog is installed with a wireless receiver, a toy car is installed with a

wireless receiver.